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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Dusan Bartsch et al.
Serial No. : 08/656,811
Filed : June 3, 1996
For : A METHOD FOR ENHANCING LONG-TERM MEMORY IN
A SUBJECT AND USES THEREOF

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New York, New York 10036
October 15, 1996

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GROUP 1800

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with their duty of disclosure under 37 C.F.R. § 1.56, applicants would like to direct the Examiner's attention to the following references which are listed on Form PTO-1449 (Exhibit 1). Copies of the references listed below as items 1-9 are attached hereto as Exhibits 2-10, respectively:

1. Alberini, C. et al. (1994) C/EBP is an immediate-early gene required for the consolidation of long-term facilitation in *Aplysia*. Cell 76:1099-1114 (Exhibit 2);
2. Bailey, C.H. and Kandel, E.R. (1993) Structural changes accompanying memory storage. Annu. Rev. Physiol. 55:397-426 (Exhibit 3);
3. Bartsch, Dusan et al. (1995) *Aplysia* CREB2 Represses Long-Term Facilitation: Relief of Repression Converts Transient Facilitation into Long-Term Functional and Structural Change. Cell 83:979-992 (Exhibit 4);

4. Bourtchuladze, R. et al. (1994) Deficient long-term memory in mice with a targeted mutation of the cAMP responsive element-binding protein. *Cell* 79:59-68 (Exhibit 5);
5. Dash, P.K. et al. (1990) Injection of the cAMP-responsive element into the nucleus of *Aplysia* sensory neurons blocks long-term facilitation. *Nature* 345:718-721 (Exhibit 6);
6. Karpinski, B.A. et al. (1992) Molecular cloning of human CREB-2: An ATF/CREB transcription factor that can negatively regulate transcription from the cAMP response element. *Proc. Natl. Acad. Sci. USA* 89:4820-4824 (Exhibit 7);
7. Lemaigre, F.P. et al. (1993) The cAMP response element binding protein, CREB, is a potent inhibitor of diverse transcriptional activators. *Nucleic Acids Res.* 21:2907-2911 (Exhibit 8);
8. Yin, J.C.P. et al. (1995) CREB as a Memory Modulator: Induced Expression of a dCREB2 Activator Isoform Enhances Long-term Memory in *Drosophila*. *Cell* 81:107-115 (Exhibit 9); and
9. Yin, J.C.P. et al. (1994) Induction of a Dominant Negative CREB Transgene Specifically Blocks Long-term Memory in *Drosophila*. *Cell* 79:49-58 (Exhibit 10).

Applicants maintain that none of the above-listed references citable as a reference suggest or disclose the invention now claimed.

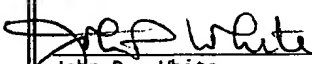
Dusan Bartsch et al.
U.S. Ser. No.: 08/656,811
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Page 3

If a telephone interview would be of assistance in advancing the prosecution of the subject application, applicants' undersigned attorney invites the Examiner to telephone him at the number provided below.

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of such fee to Deposit Account No. 03-3125.

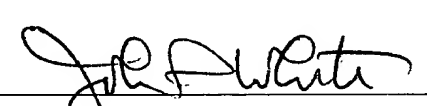
Respectfully submitted,

I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to:
Assistant Commissioner for Patents
Washington, D.C. 20231.


John P. White
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10/15/96

Date


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